BRUHATH BANGALORE MAHANAGARA PALIKE

YELAHANKA DIVISION

Work Slip: As per Std Tender Documents (Form 45G)

Name of Work: Development and Improvements of roads and drains in Ward no-01 of Yelahanka Sub Division.

Estimate Amount:- 117623788.68

Name of Contractor:- Sri. R. Lokesh

Approved amount:- 124832000.00

Tender Premium:- 6.20% above

Sl. No.	Description of Work	Unit	As per Approved Shedule -B			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Amount	excess amount	Savings amount	Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt				
1	2	3	4	5	6	10	11	12	13	14	15	16	17	18	19	20
9	KSRRB M300-14. Excavation for roadwork in all type of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete as per specifications. MORTH Specification No.301	Cum	14325.41	52.17	747356.64	21338.73	17906.76	52.17	934195.80	3431.96	51.78	177717.77	1111913.57	364556.93	0.00	
10	KSRRB M400-6.1 Construction of granular sub-base by providing close graded material, crushed stone aggregates of granite/trap/basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method.Close graded granular sub-base material as per 400-1 For Grading- II Material	Cum	4989.99	1781.83	8891313.88	7952.73	6237.49	1781.83	11114142.35	1715.25	1768.51	3033423.23	14147565.58	5256251.70	0.00	
11	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite/trap/basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	7382.87	1891.85	13967282.61	11531.72	9228.59	1891.85	17459103.26	2303.13	1877.70	4324584.86	21783688.12	7816405.51	0.00	
12	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM,WMM ,including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502	Sqm	33778.09	29.49	996115.87	60065.21	42222.61	29.49	1245144.84	17842.60	29.27	522230.08	1767374.92	771259.05	0.00	
15	KSRRB M500- 17. Providing, laying dense graded bituminous macadam using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II(50mm to 75mm), crushed aggregates of specified grading premixed with 4.5% VG 30 grade bituminous binder and filler, transporting the hot mix to work site , laying to the required grade,level and alignment, rolling with wheeled , vibratory and tandeem rollers to achieve the desired compaction as per MORTH Table-500-10 including all leads and lift cost of all materials, labour, HOM of machineries complete as per specifications MORTH Specification No.507	Cum	1854.39	6724.67	12470160.80	3003.26	2317.99	6724.67	15587701.00	685.27	6833.97	4683136.15	20270837.15	7800676.35	0.00	

19	Lead for disposal of earth shall be payable at Carriage rates (Lead & Lift) by mechanical means including loading and unloading up to 4kms.	Cum	24662.18	86.46	2132292.08	31047.61	30827.73	86.46	2665365.10	219.88	85.81	18868.23	2684233.33	551941.25	0.00	
	Grand total				124822000.00				112060659.58			12759960.32	124820619.90	22561090.79		

Note: Percentage of Workslip over the sanctioned Amount=Excess amount over the approved amount/Amount approved in tender x 100

(22561091/124822000)x100 = 18.07%

Contractor

Consultants * Newzen * Bangalore

Assistant Engineer
Ward 01

Assistant Executive Engineer
Yelahanka Sub Division

Executive Engineer
Yelahanka Division

By proposal

Chief Engineer
Yelahanka Zone
Bruhath Bangalore Mahanagara
Palike
Bangalore 90

Bruhat Bangalore Mahanagara Palike

Name of Work: Modified Estimate for Development and Improvements of roads and drains in Ward no-01 of Yelahanka Sub Division.

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
1	Removing & Refixing Stone Slabs of drains and Pointing in C.M(1:3).								
						6657.00	Sqm	86.20	573833.40
2	Providing granite slabs of selected quality roughly dressed and fixedin cement mortar (1:6) including fixing curing etc., complete. 7.5cm thick								
						86.02	Sqm	712.28	61,270.33
3	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3								
	For Drain								
	Yellamma temple road	1	77.40	1.20	1.00	92.88			
	Kurlappa Layout	1	175.10	1.20	1.00	210.12			
	Papayya Layout								
	Marutheshwara temple road	1	83.70	1.20	1.00	100.44			
	8th cross, 1st main to dead end	1	124.70	1.20	1.00	149.64			
	8th cross, internal road	1	68.40	1.20	1.00	82.08			
	1st main road	1	83.50	1.20	1.00	100.20			
	Maruthinagar Left side								
	6th A cross	1	47.70	1.20	1.00	57.24			
	7th A cross	1	57.40	1.20	1.00	68.88			
	8th A cross	1	50.20	1.20	1.00	60.24			
	18th & 16th connecting road	1	116.50	1.20	1.00	139.80			
	7th cross	1	90.80	1.20	1.00	108.96			
	6th cross	1	113.00	1.20	1.00	135.60			
	8th cross	1	79.90	1.20	1.00	95.88			
	4th main road	1	69.00	1.20	1.00	82.80			
	1st A cross	1	146.80	1.20	1.00	176.16			
	11th A cross	1	43.50	1.20	1.00	52.20			
	Water tank road, from dead end	1	119.60	1.20	1.00	143.52			
	10th A cross, water tank road to dead end road	1	60.00	1.20	1.00	72.00			
	Cross road behind, 10th A cross	1	60.70	1.20	1.00	72.84			
	Maruthinagar Right side								
	29th A cross	1	47.30	1.20	1.00	56.76			
	29th cross	1	49.40	1.20	1.00	59.28			
	30th cross, 1st main to store road	1	69.40	1.20	1.00	83.28			
	Store road	1	114.90	1.20	1.00	137.88			
	1st main to 2nd main								
	21st cross road	1	129.90	1.20	1.00	155.88			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	16th cross road	1	56.50	1.20	1.00	67.80			
	11th cross road	1	156.50	1.20	1.00	187.80			
	11th A cross, 3rd main to Deadend	1	120.80	1.20	1.00	144.96			
	16th cross, 2nd main to 3rd main	1	39.80	1.20	1.00	47.76			
	15th cross, 2nd main to 3rd main	1	144.80	1.20	1.00	173.76			
	14th cross, 2nd main to 3rd main	1	164.00	1.20	1.00	196.80			
	13th cross, 2nd main to 3rd main	1	166.50	1.20	1.00	199.80			
	3rd main								
	12th cross	1	173.40	1.20	1.00	208.08			
	11th cross	1	64.10	1.20	1.00	76.92			
	10th cross	1	110.00	1.20	1.00	132.00			
	8th cross	1	119.40	1.20	1.00	143.28			
	7th cross	1	178.70	1.20	1.00	214.44			
	6th cross	1	165.70	1.20	1.00	198.84			
	Opp. Mythri clinic road	1	54.50	1.20	1.00	65.40			
	23rd cross, 1st main to dead end	1	271.70	1.20	1.00	326.04			
	27th cross	1	385.10	1.20	1.00	462.12			
	28th cross, 1st main to Vikas layout	1	174.80	1.20	1.00	209.76			
	1st main	1	67.50	1.20	1.00	81.00			
	25th cross, 1st main to dead end	1	212.90	1.20	1.00	255.48			
	3rd main, from dead end to 7th cross	1	507.30	1.20	1.10	669.64			
	2nd main, from dead end to 7th cross	1	772.00	1.20	1.10	1019.04			
	27th to 28th cross	1	28.40	1.20	1.10	37.49			
	28th to 29th cross	1	40.50	1.20	1.10	53.46			
	28th cross	1	83.60	1.20	1.10	110.35			
	Anjanappa Block	1	145.40	1.20	1.10	191.93			
	Culvert	18	5.40	1.50	1.10	160.38			
	Desilt	40	158.00	0.50	0.50	1580.00			
						9708.88	**Cum**	**93.00**	**902926.21**
	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix1:3:6with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregtes @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted,in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1, 4.2								
	For Drain								
	Yellamma temple road	1	77.40	0.90	0.15	10.45			
	Kurlappa Layout	1	175.10	0.90	0.15	23.64			
	Papayya Layout								
	Marutheshwara temple road	1	83.70	0.90	0.15	11.30			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	cross road	2	106.50	0.10		21.30			
	Maruti nagara								
	Main road	2	46.00	0.10		9.20			
	1st A main	2	100.00	0.10		20.00			
	Kurlappa Layout Mn Rd	2	271.50	0.10		54.30			
	10th A cross	2	39.00	0.10		7.80			
	10th B cross	2	30.00	0.10		6.00			
	9th A cross	2	37.00	0.10		7.40			
	9th B cross	2	42.80	0.10		8.56			
	8th A cross	2	81.50	0.10		16.30			
	8th B cross	2	37.00	0.10		7.40			
	6th cross, RHS	2	21.00	0.10		4.20			
	3rd Main	2	502.30	0.10		100.46			
	4th Main	2	64.70	0.10		12.94			
	23th cross	2	300.00	0.10		60.00			
	24th cross	2	300.00	0.10		60.00			
	Munithimmayya rd	2	232.00	0.10		46.40			
						2311.06	Sqm	580.71	1342055.65
								As per Modified Estimate Total Construction Cost	124820620
								Misc & Rounding off	1,380.11
								Amount As per sanctioned	124822000.00

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2016-2017.and Data Rates

Contractor

Consultant

Neerzon Consultants * Bangalore *

Assistant Engineer
Ward No-01
BBMP Bangalore

Asst. Executive Engineer,
Yelahanka Sub Division
BBMP Bangalore

Executive Engineer,
Yelahanka Division
BBMP Bangalore

Technical Sanction
Accorded For 124822619/-
Head of A/C 12358
CER NO :TS/...../19-19 Dt:..

JTA CE (YNK)